



PTO/SB/17 (10-04v2)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 268.00

## Complete if Known

Application Number	10/790,703
Filing Date	March 3, 2004
First Named Inventor	Ali M. Afnan et al.
Examiner Name	Tony G. Soohoo
Art Unit	1723
Attorney Docket No.	121629-40308558

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 503-121

Deposit Account Name Mayer Brown Rowe & Maw

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 28 -20\*\* = 0 X Fee from below = 0  
Independent Claims 5 -3\*\* = 1 X 88 = 88  
Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ ) 88.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	180.00
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$ ) 180.00

## SUBMITTED BY

Name (Print/Type)	Christopher M. Beck	Registration No. (Attorney/Agent)	52,603	Telephone	202-263-3374
Signature		Date	November 17, 2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/790,703  
Applicant : Ali M. Afnan et al.  
Filed : March 3, 2004  
Tech Cntr/AU : 1723  
Examiner : Tony Glen Soohoo  
Entitled : Mixing Apparatus and Method

Confirmation No. 4325

Attorney Reference : 121629-40308558  
Customer Number : 43569

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Pursuant to 37 C.F.R. §1.98, copies of the cited foreign documents are attached hereto for the Examiner's consideration.

Applicants hereby respectfully request that the accompanying Information Disclosure Statement be considered and made of record in the above-identified Application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

This Information Disclosure Statement is being filed (a) after the mailing date of the first Office Action on the merits, but (b) prior to the issuance of a Notice of Allowance. Authorization to charge the requisite fee of **\$180.00** (Fee Code 1806), as well as any deficient fees or to credit any overpayments, to Deposit Account No. 503-121 is on the attached PTO/SB/17.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By: 

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Date: November 17, 2004



Atty.  
Dkt. No.

M#

Client Ref.

40308558

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: Ali M. Afnan et al.

Application Serial No. 10/790,703

Filing Date: March 3, 2004

Examiner: Tony G. Soohoo Group Art Unit: 1723

Date: November 17, 2004

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of

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**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	4,820,045	Apr 1989	Boisde			
	BR	5,946,088	Aug 1999	Aldridge			
	CR	4,704,035	Nov 1987	Kowalczyk			
	DR	6,490,035	Dec 2002	Folestad et al.			
	ER	6,244,118	Jun 2001	Andersson et al.			
	FR	6,595,678	Jul 2003	Folestad et al.			
	GR	5,890,803	Apr 1999	Jolink			
	HR	4,571,089	Feb 1986	Gudlauskis et al.			
	IR	4,332,479	Jun 1982	Crocker et al.			
	JR	5,924,311	Jul 1999	Matsuda et al.			
	KR						
	LR						
	MR						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclosed	No
	NR	WO 00/07705	Feb 2000	International					
	OR	WO 01/60503	Aug 2001	International					
	PR	2,398,068	Aug 2001	Canada		X			
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	XR	Patent Abstracts of Japan, Vol. 1995, No. 03, 28 April 1995 & JP 06331542 A (Minamide Syst Eng-KK), 2 December 1994 Abstract			
	YR				
	ZR				
	AAR				
	BBR				
	CCR				

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.